

# **ABSTRACT**

An automatic measuring device for measuring the dimensions of a tool for a machine tool includes a spindle (10) for receiving a tool (2) which is capable of being moved in order to interact with a device (1) for deducing the dimensions of the tool (2) according to a measuring system specific to the spindle (10). The device (1) includes a bar (3) made of a material having highly elastic properties. One end of the bar (3) is fixedly attached to a yoke (4) attached to a fixed frame (5), and an opposite, free end of the bar (3) is in contact with two detectors (6 and 7) placed perpendicular to one another and to a yoke (8) capable of sliding on the flexible bar (3). A platform (9) on which the tool (2) to be measured is capable of resting overhangs the yoke (8).